

Advanced Research on Nanotechnology for Civil Engineering Applications

Part of the Advances in Civil and Industrial Engineering (ACIE) Book Series

Anwar Khitab (Mirpur University of Science and Technology, Pakistan) and Waqas Anwar (Mirpur University of Science and Technology, Pakistan)

Description:

A recent initiative within the civil engineering field is the use of nanotechnology and materials within the construction industry. While there has been great success in the adoption of various nanomaterials, there is still room for development and improvement.

Advanced Research on Nanotechnology for Civil Engineering Applications highlights emergent research and theoretical concepts in the implementation of nanotechnology within the construction, geotechnical, and transportation engineering fields. Examines the application of nanomaterials, current trends within the topic area, and the potential health impacts of material usage on the environment.

Readers:

This book is a pivotal reference for professionals, engineers, students, and researchers.

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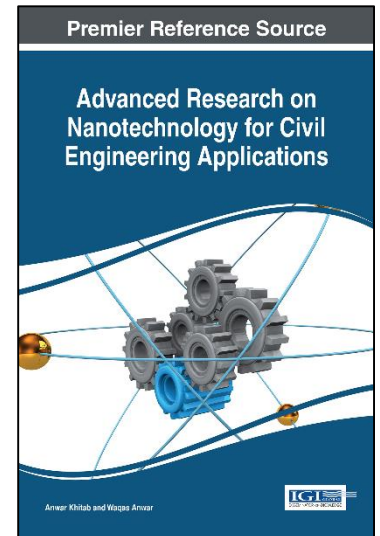
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Anwar Khitab, PhD is the head of the civil engineering department at Mirpur University of Science and Technology, Mirpur, Pakistan. He is a graduate of National Institute of Applied Sciences in Toulouse, France. He also attended Paul Sabatier University, where he was awarded a master's degree in in civil engineering. Professionally, he started out in 1997 as assistant manager in National Engineering and Scientific Commission (NESCOM) in Islamabad, Pakistan. While employed there, he was promoted to manager in 1999 and then general manager in 2005. He left NESCOM in 2009 and joined Preston University Islamabad and in 2010, he joined The University of Wah Cant in Pakistan. During his carrier, he won fellowships from Pakistan Atomic Energy Commission, Ministry of Science and Technology Government of Pakistan, Embassy of France in Pakistan and Ministry of Education, Government of France . He wrote a book on construction materials in 2012, published by the Allied Books, Lahore. He also wrote many research articles on construction materials, publish in various impact factor journals.